*FIG. 1*

IDENTIFICATION
NUMBER (IID)

| | | | | |
|---|-----|------|------|-----|
| 1 | ADD | R1, | R2, | R3 |
| 2 | ADD | R3, | R4, | R5 |
| 3 | ADD | R6, | R7, | R8 |
| 4 | ADD | R8, | R9, | R10 |
| 5 | ADD | R11, | R12, | R13 |
| 6 | ADD | R5, | R10, | R14 |
| ⋮ | | | | |
| ⋮ | | | | |
| ⋮ | | | | |

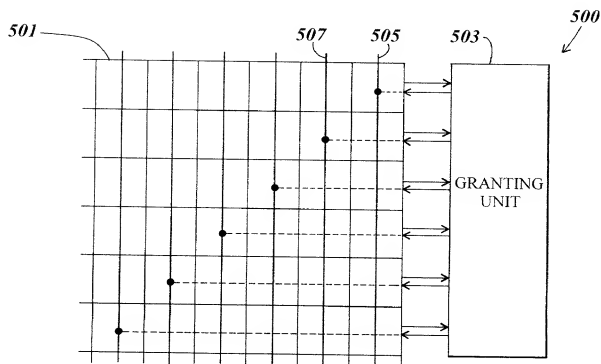
FIG. 2

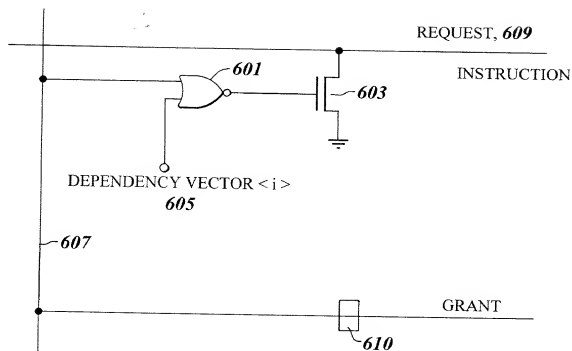
IDENTIFICATION
NUMBER (IID)

| | | | | | | |
|---|---------|---|---|---|---|-----|
| 1 | [... 0 | 0 | 0 | 0 | 0 | 1] |
| 2 | [... 0 | 0 | 0 | 0 | 1 | 0] |
| 3 | [... 0 | 0 | 0 | 1 | 0 | 0] |
| 4 | [... 0 | 0 | 1 | 0 | 0 | 0] |
| 5 | [... 0 | 1 | 0 | 0 | 0 | 0] |
| 6 | [... 1 | 0 | 0 | 0 | 0 | 0] |
| ⋮ | | | | | | |
| ⋮ | | | | | | |
| ⋮ | | | | | | |

FIG. 3

| IDENTIFICATION NUMBER | POSITION | | | | | |
|--------------------------|----------|---|-----|---|---|-----|
| | ... 6 | 5 | 4 | 3 | 2 | 1 |
| 1 | [... 0 | 0 | 0 | 0 | 0 | 0] |
| 2 | [... 0 | 0 | 0 | 0 | 0 | 1] |
| 3 | [... 0 | 0 | 0 | 0 | 0 | 0] |
| 4 | [... 0 | 0 | 0 | 1 | 0 | 0] |
| 5 | [... 0 | 0 | 0 | 0 | 0 | 0] |
| 6 | [... 0 | 0 | 1 | 0 | 1 | 0] |
| ... | | | ... | | | |

FIG. 4*FIG. 5*

**FIG. 6A**

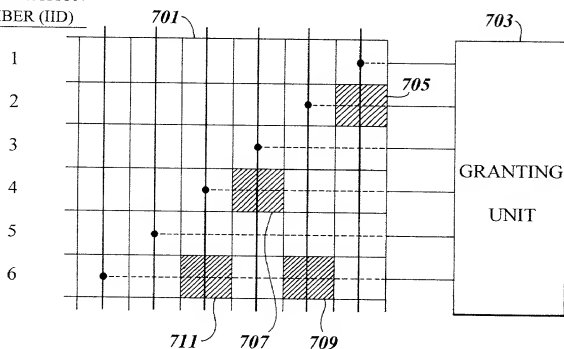
611

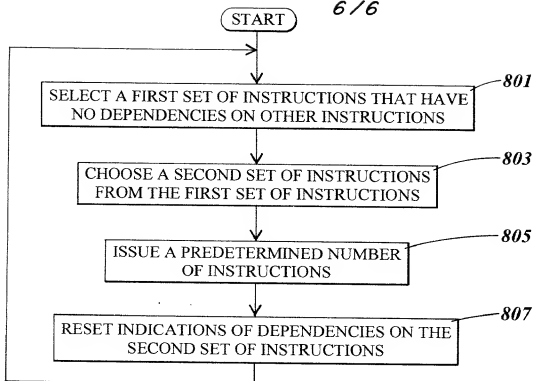
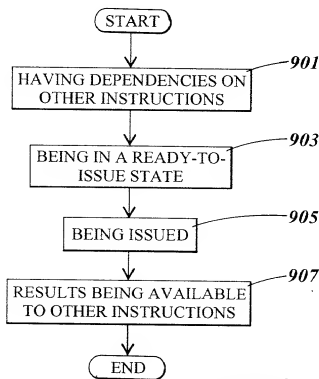
5/6

| DEPENDENCY VECTOR | GRANT | REQUEST |
|-------------------|-------|---------|
| 0 | 0 | 1 |
| 0 | 1 | 1 |
| 1 | 0 | 0 |
| 1 | 1 | 1 |

FIG. 6B

IDENTIFICATION
NUMBER (IID)

*FIG. 7*

**FIG. 8****FIG. 9**